5   ABSTRACT

Method for controlling a memory in a digital system, including the steps of (a) dividing the memory into a plurality of fixed sized memory blocks, (b) defining at least one of the memory blocks as a compression/decompression region, (c) assigning compression priorities to rest of the memory blocks except the memory blocks defined as the

10   compression/decompression region, and (d) making the memory blocks to deal with an external data received according to an external command, and carrying out compression /decompression of data required in the dealing with the external data at the compression /decompression region according to the compression priorities.